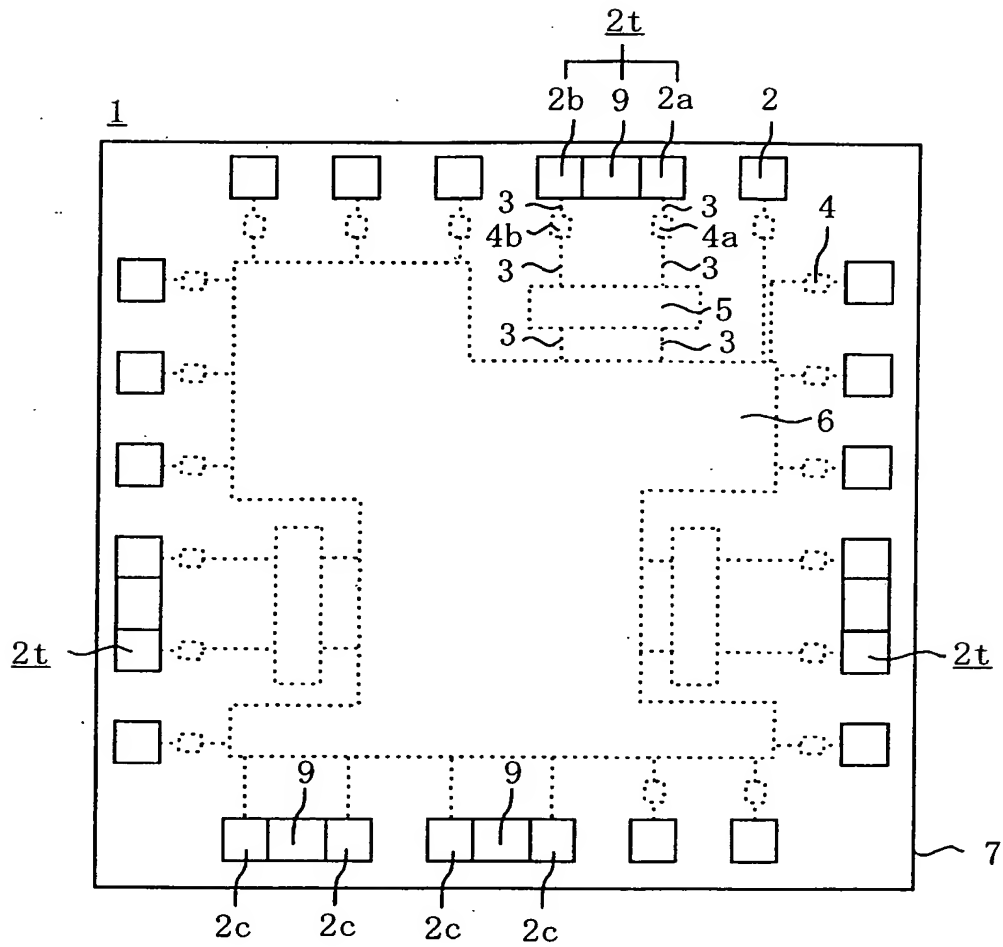


FIG. 1



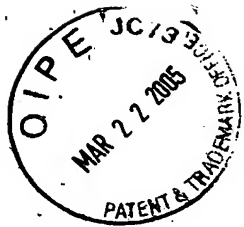


FIG. 2A

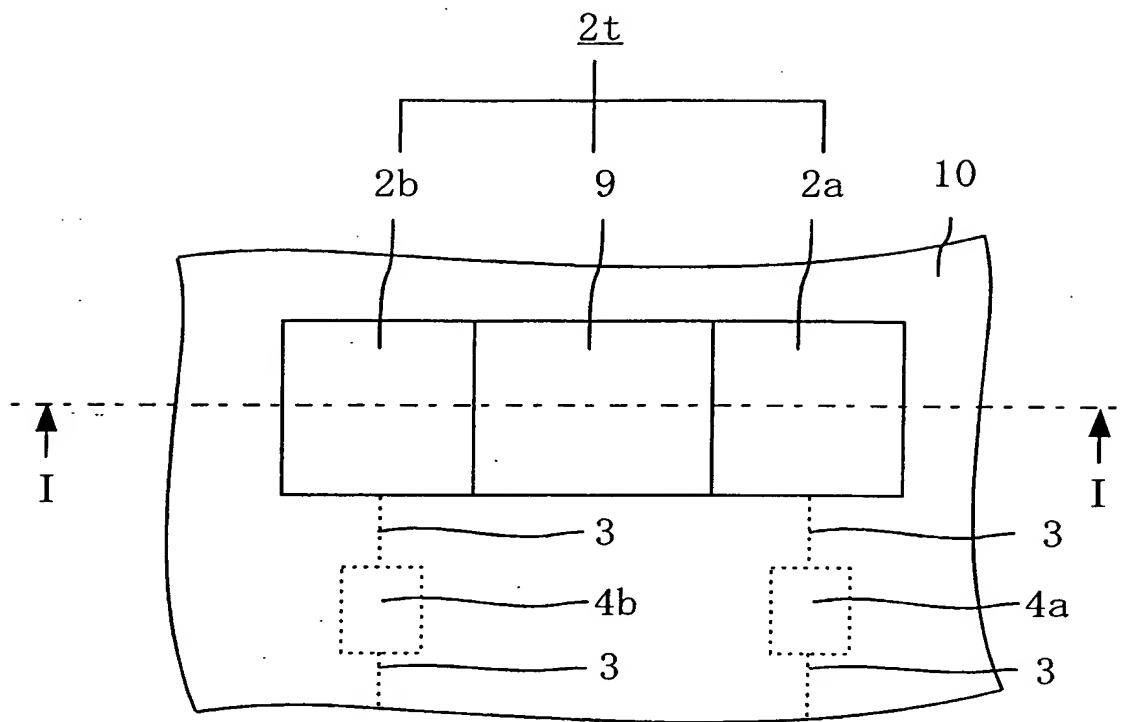


FIG. 2B

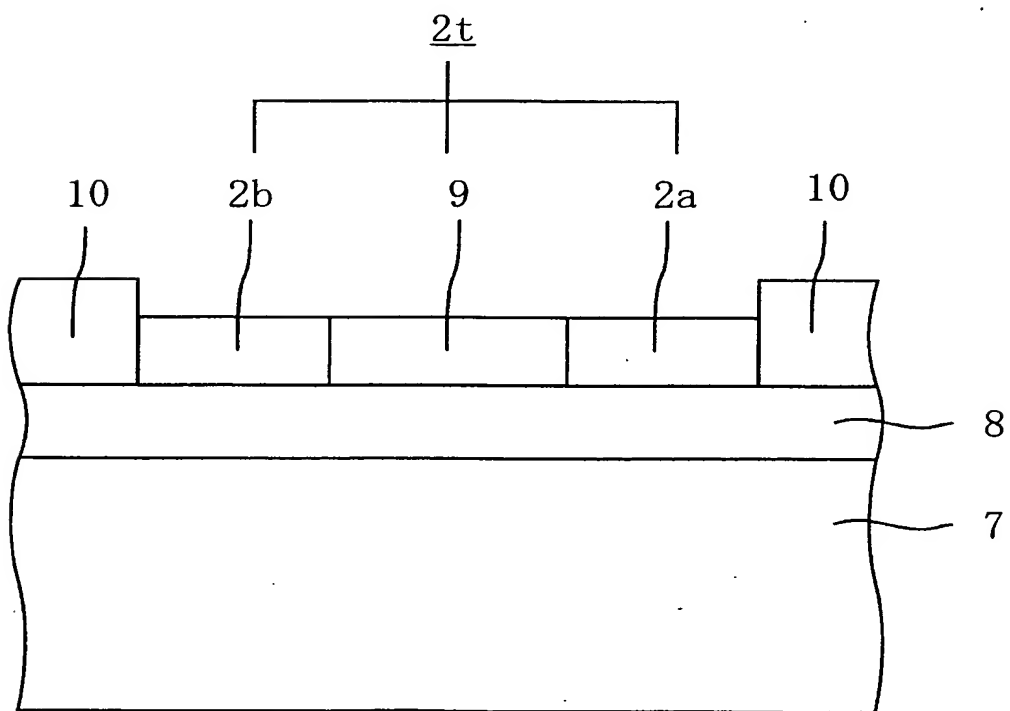
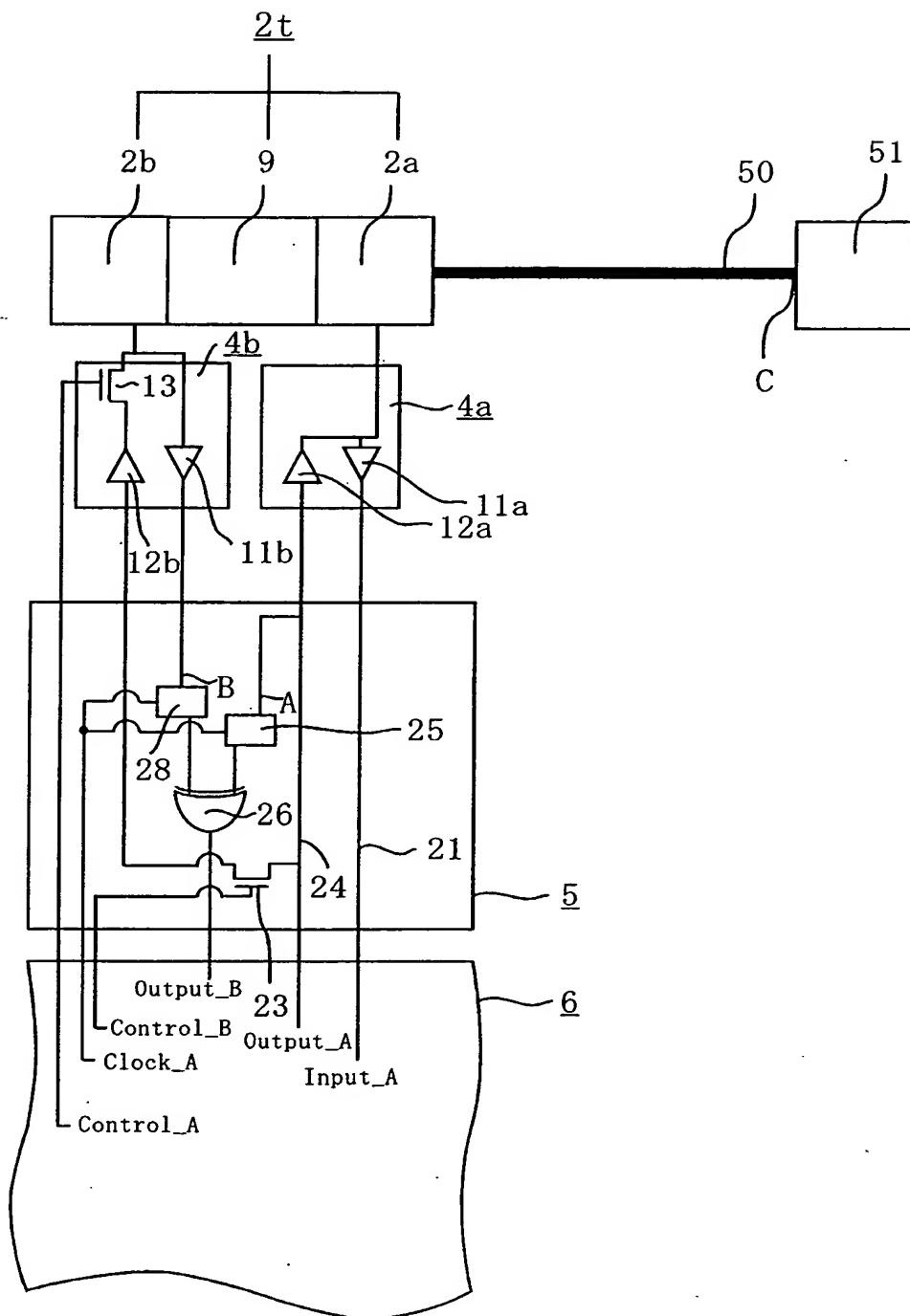


FIG. 3



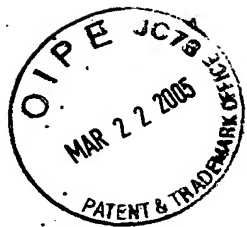
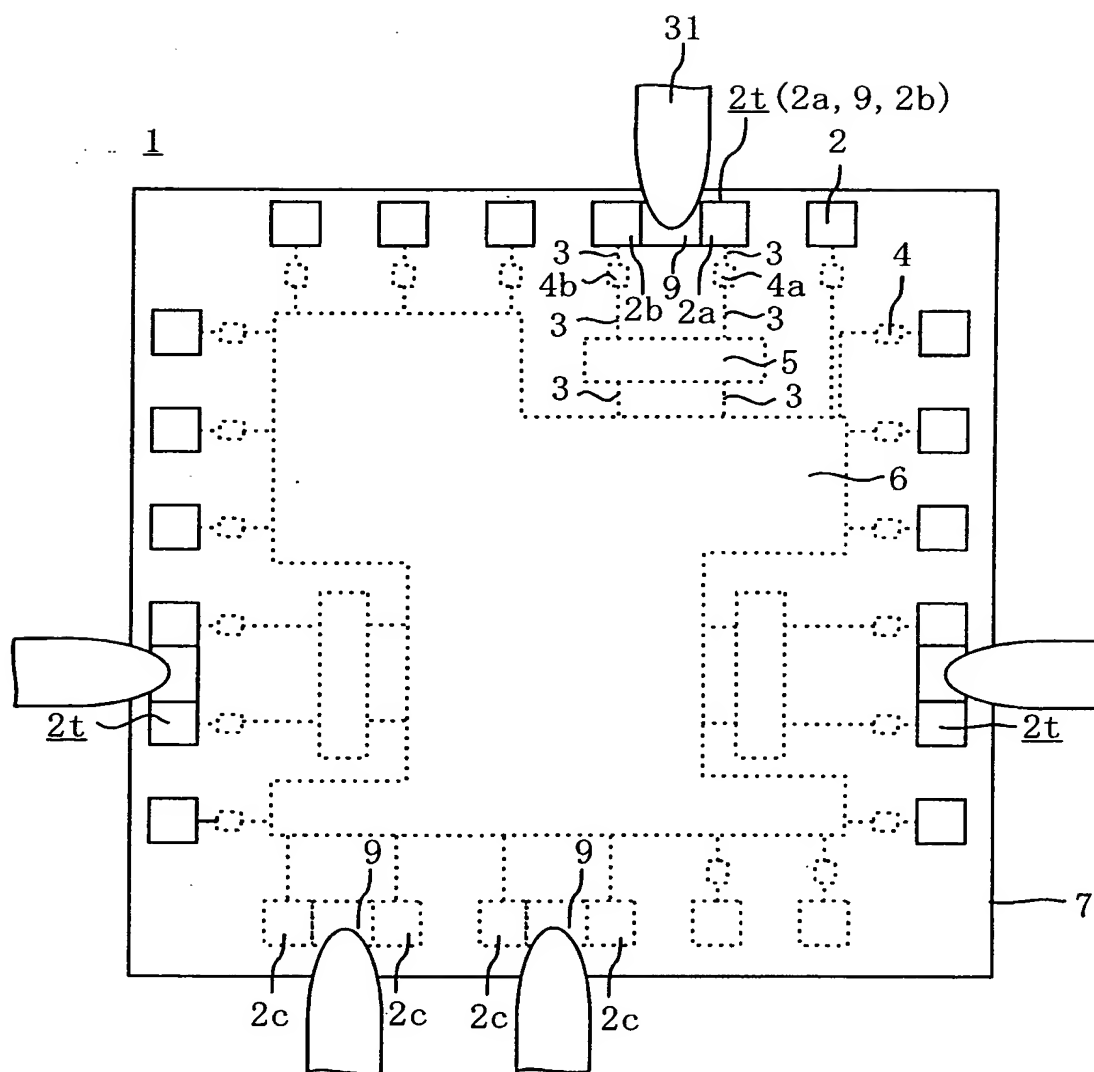


FIG. 4



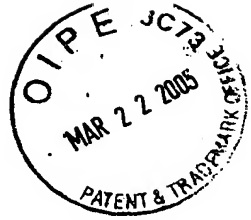


FIG. 5

Operation Mode	Signal pin name	Control_A	Control_B	Clock_A
	Test pad input/output status			
Normal operation mode	Input	0	0	0
	Output	0	0	0
First test mode	Input	0	0	0
	Output	1	1	0
Second test mode	Input	0	0	0
	Output	0	0	1



FIG. 6A

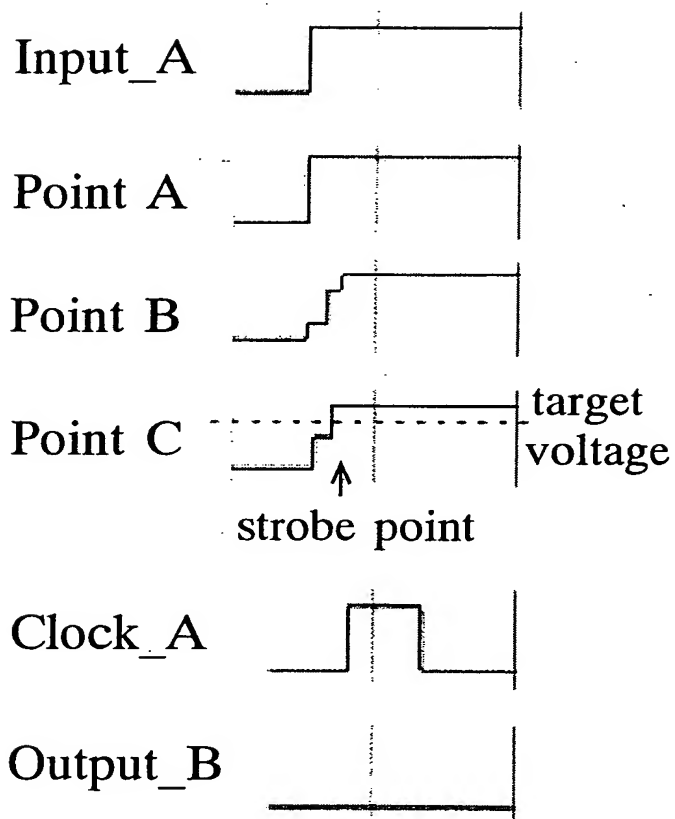


FIG. 6B

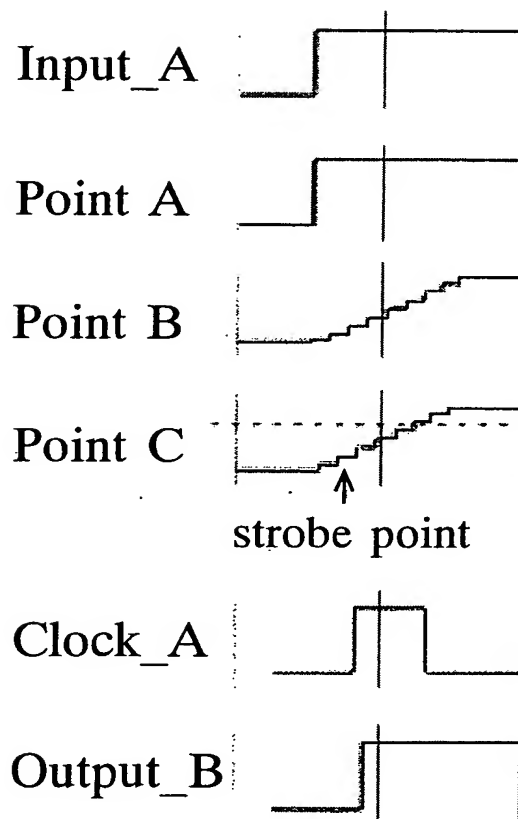


FIG. 7

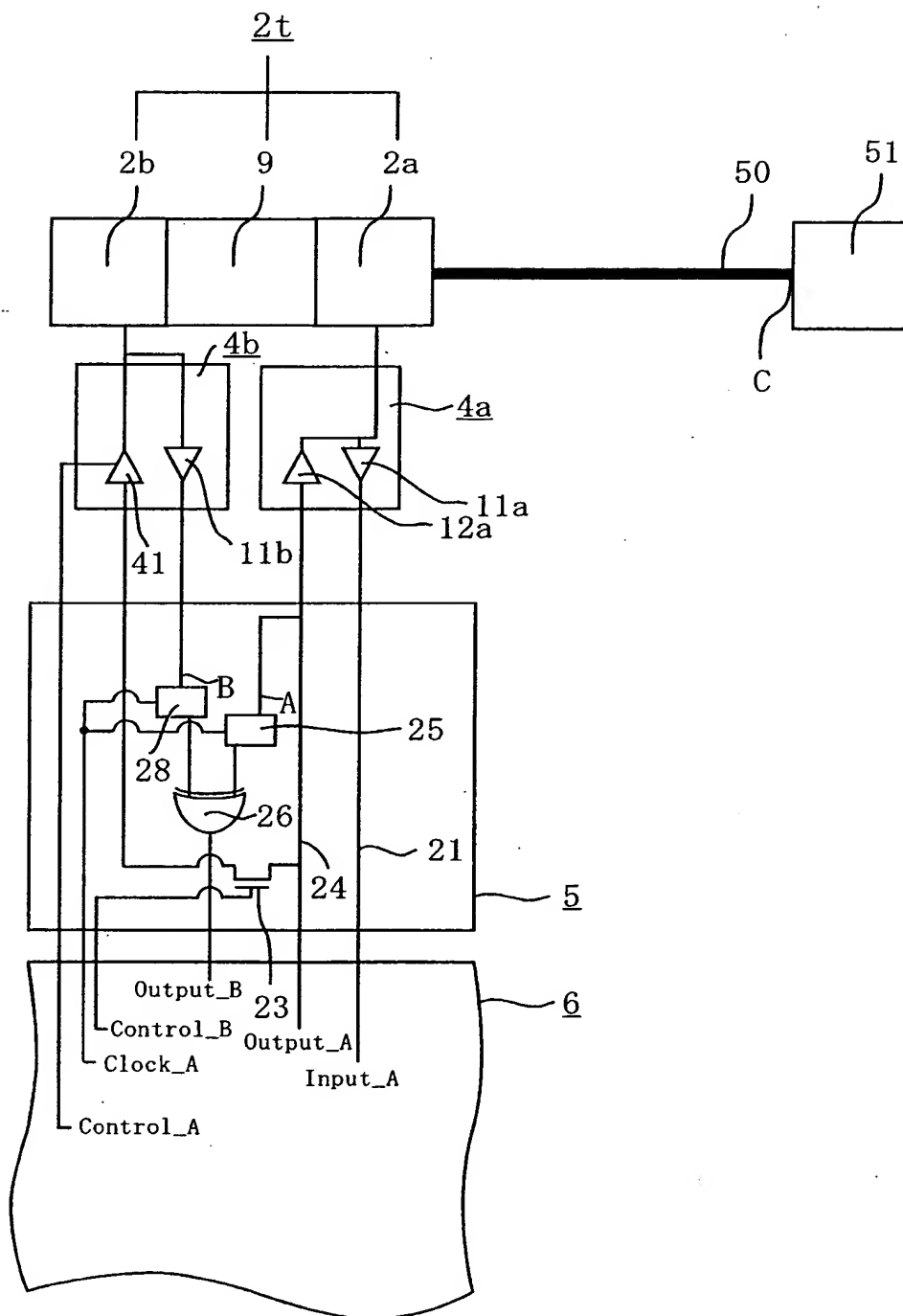


FIG. 8A

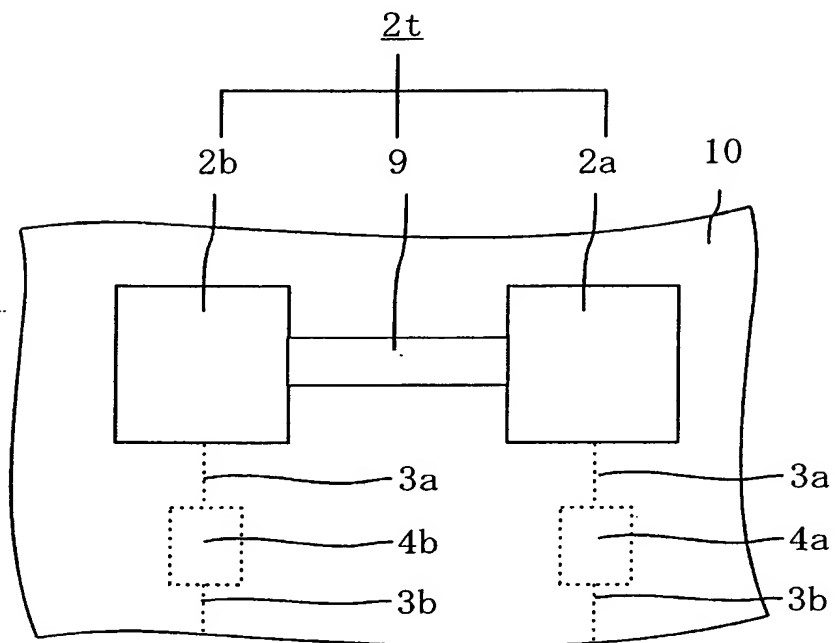
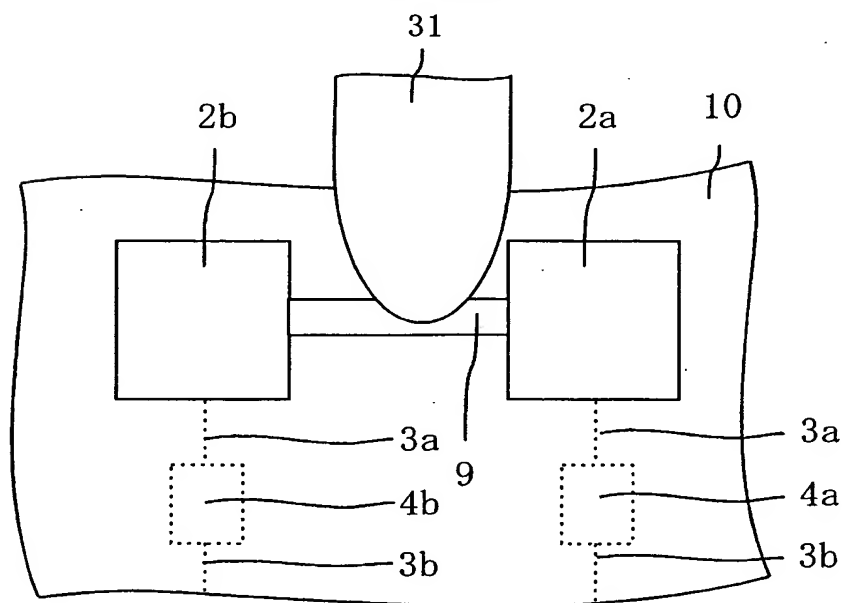


FIG. 8B



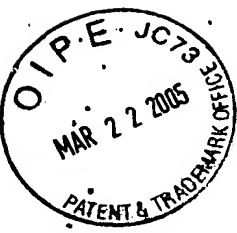


FIG. 9

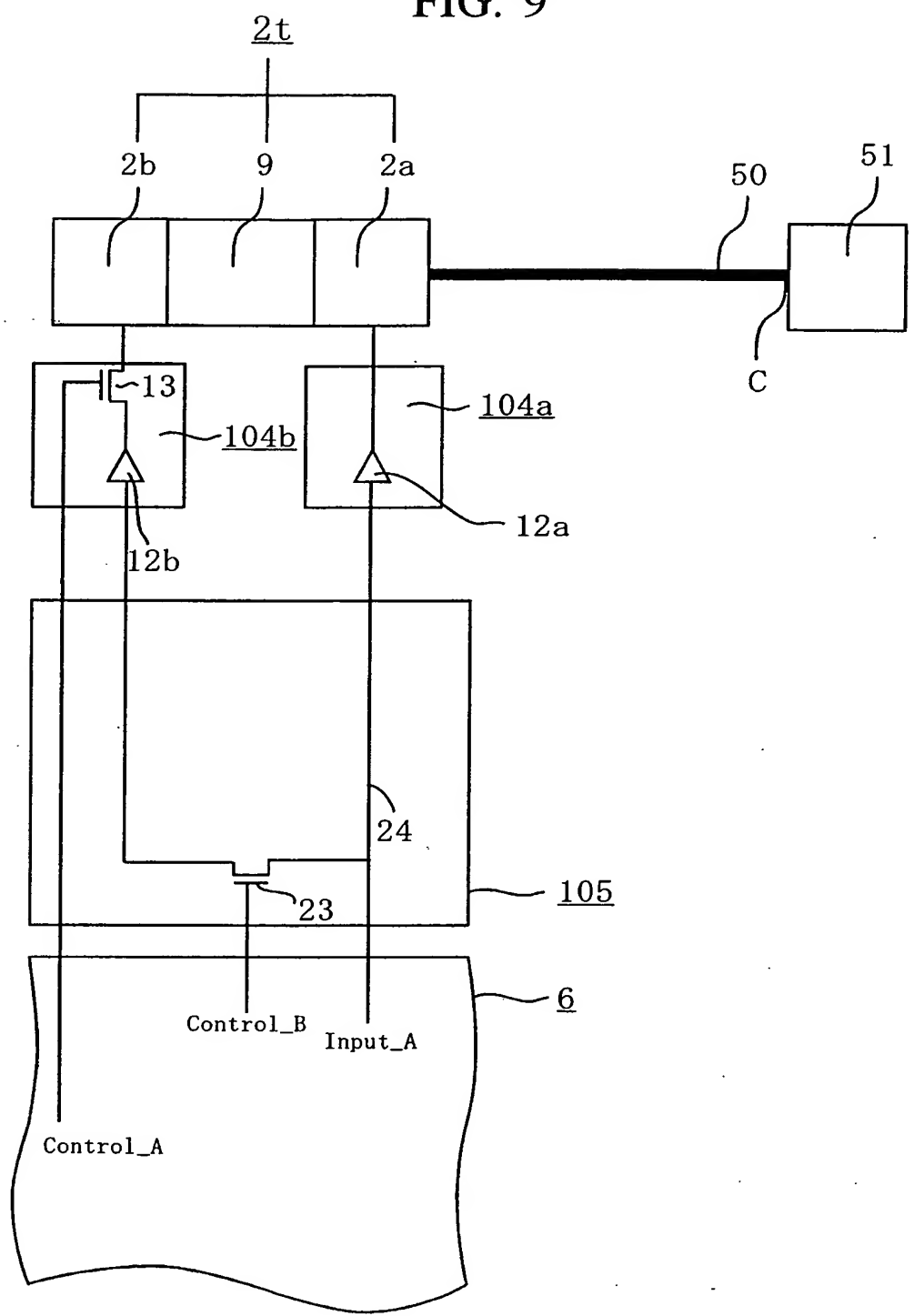


FIG. 10

